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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/603,144

06/23/2000

Gregory Jones

5053-28000

1593

7590

03/10/2006

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EXAMINER

FRENEL, VANEL

ART UNIT

PAPER NUMBER

3626

DATE MAILED: 03/10/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/603,144

Applicant(s)

JONES ET AL.

Examiner

Vanel Frenel

Art Unit

3626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.138(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 September 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 41,42,44,47,48,50,52,53,55-60,62,64,65,67-71 and 75 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 41,42,44,47,48,50,52,53,55-60,62,64,65,67-71 and 75 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 982005 & 10272005 8/122104
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Notice to Applicant

1. This communication is in response to the Amendment filed on 09/08/05. Claims 43, 51, 63, and 72-74 have been canceled. Claims 41, 47, 59, 60, 62, 64, 65 and 67-70 have been amended. Claims 41-42, 44-45, 47-48, 50, 52-53, 55-60, 62, 64-65, 67-71 and 75 are pending.
2. Applicant's amendment filed on 09/08/05 regarding the 35 U.S.C.101 rejection has been persuasive and therefore is hereby withdrawn.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 41-42, 44-45, 47-48, 50, 52-53, 55-60, 62, 64-65, 67-71 and 75 are rejected under 35 U.S.C. 103(a) as being unpatentable over Reid et al (6, 560,592) in view of Myers et al (5,581,677).

(A) As per claim 41, Reid discloses the newly added limitations of "stored in the computer system", "of rows, each of the rows comprising a plurality", "and a rules style", "a template table comprising a plurality of rows, each row of the template table (See Reid, Col.3, lines 57-67; Col.27, lines 6-21) comprising a rules style, wherein the rules

style for each row of the template table specifies a syntax for one of a plurality of business rules, wherein each of a plurality of business rules is classified into one of the rule styles, the syntax for a premise and a resulting action for a given rule style being common to business rules within the rule style (See Reid, Col.19, lines 29-67).

Reid does not explicitly disclose that the system having and “, “a text table comprising a plurality of rows, each of the rows comprising a text string specifying a syntax for one of the business rules”, “implemented on the computer system”, “for two or more rows in the rules data table”, “use the rules style for the row in the rules data tables as a key to find a matching record in the template table”, “and the rules style”, “the rows in the rules data table”, “read a text string from the text table”, “for the row in the rules data table and the syntax for the rules style specified in the template table and the text string of the text table’ and “a”.

However, these features are known in the art, as evidenced by Myers. In particular, Myers suggests that the system having “and “, “a text table comprising a plurality of rows, each of the rows comprising a text string specifying a syntax for one of the business rules”, “implemented on the computer system”, “for two or more rows in the rules data table”, “use the rules style for the row in the rules data tables as a key to find a matching record in the template table”, “and the rules style”, “the rows in the rules data table”, “read a text string from the text table”, “for the row in the rules data table and the syntax for the rules style specified in the template table and the text string of the text table’ and “a” (See Myers, Col.7, lines 14-52).

It would have been obvious to one of ordinary skill in the art at the time of the invention to have included the features of Myers within the system of Reid with the motivation of providing a list of heuristics which are then applied to the special marker graphical element to determine a visualization characteristic to highlight the data value (See Myers, Col.2, lines 44-48).

(B) As per claim 47, Reid discloses the newly added limitations of "and a rules style for each of a plurality of rows", "providing a template table comprising a plurality of rows, each row of the template table comprising a rules style, wherein the rules style for each row of the template table specifies a syntax for one of a plurality of business rules (See Reid, Col.3, lines 57-67; Col.27, lines 6-21), wherein each of a plurality of business rules is classified into one of the rule styles, the syntax for a premise (See Reid, Col.19, lines 29-67).

Reid does not explicitly disclose that the system having "and a resulting action for a given rule style being common to business rules within the rule style, "providing a text table comprising a plurality of rows, each of the rows comprising a text string specifying a syntax for one of the business rules", for two or more rows in the rules data table, the computer system: "using the rules style for the row in the rules data table as a key to find a matching record in the template table", "the rows in", " the", "a", "string", "the", "and", "for the row in the rules data table and the syntax for the rules style specified in the template table and the text string of the text table".

However, these features are known in the art, as evidenced by Myers. In particular, Myers suggests “and a resulting action for a given rule style being common to business rules within the rule style, “providing a text table comprising a plurality of rows, each of the rows comprising a text string specifying a syntax for one of the business rules”, for two or more rows in the rules data table, the computer system: “using the rules style for the row in the rules data table as a key to find a matching record in the template table”, “the rows in”, “ the”, “a”, “string”, “the”, “and”, “for the row in the rules data table and the syntax for the rules style specified in the template table and the text string of the text table” (See Myers, Col.7, lines 14-52).

It would have been obvious to one of ordinary skill in the art at the time of the invention to have included the features of Myers within the system of Reid with the motivation of providing a list of heuristics which are then applied to the special marker graphical element to determine a visualization characteristic to highlight the data value (See Myers, Col.2, lines 44-48).

(C) As per claim 59, Reid discloses the newly added limitations of “computer readable medium (See Reid, Col.4, lines 38-48)”, “and a rules style for each of a plurality of rows”, “providing a template table comprising a plurality of rows, each row of the template table comprising a rules style, wherein the rules style for each row of the template table specifies a syntax for one of a plurality of business rules (See Reid, Col.3, lines 57-67; Col.27, lines 6-21).

Reid does not explicitly disclose "wherein each of a plurality of business rules is classified into one of the rule styles, the syntax for a premise and a resulting action for a given rule style being common to business rules within the rule style, "providing a text table comprising a plurality of rows, each of the rows comprising a text string specifying a syntax for one of the business rules", for two or more rows in the rules data table, the computer system: "using the rules style for the row in the rules data table as a key to find a matching record in the template table", "the", "a", "string", "the", "and" "for the row in the rules data table and the syntax for the rules style specified in the template table and the text string of the text table".

However, these features are known in the art, as evidenced by Myers. In particular, Myers suggests "wherein each of a plurality of business rules is classified into one of the rule styles, the syntax for a premise and a resulting action for a given rule style being common to business rules within the rule style, "providing a text table comprising a plurality of rows, each of the rows comprising a text string specifying a syntax for one of the business rules", for two or more rows in the rules data table, the computer system: "using the rules style for the row in the rules data table as a key to find a matching record in the template table", "the", "a", "string", "the", "and" "for the row in the rules data table and the syntax for the rules style specified in the template table and the text string of the text table" (See Myers, Col.7, lines 14-52).

It would have been obvious to one of ordinary skill in the art at the time of the invention to have included the features of Myers within the system of Reid with the motivation of providing a list of heuristics which are then applied to the special marker

graphical element to determine a visualization characteristic to highlight the data value (See Myers, Col.2, lines 44-48).

(D) Claims 60, 62, 64, 65, 67, 68, 69, and 70 have been slightly amended to recite the word "computer readable". However, this change does not affect the scope and the breadth of the claims as originally presented, is therefore rejected for the same reasons given in the previous Office Action, and incorporated herein.

(E) Claims 42, 44, 45, 48, 50, 52-53, 55-58, 71 and 75 have not been amended, are therefore rejected for the same reasons in the previous Office Action, and incorporated herein.

Response to Arguments

5. Applicant's arguments filed on 09/08/05 with respect to claims 41, 42, 44, 47, 48, 50, 52, 53, 55-60, 62, 64, 65, 67-71 and 75 have been considered but are moot in view of the new ground(s) of rejection.

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The cited but not the applied art teaches object-oriented business system and method (2001/0009033).

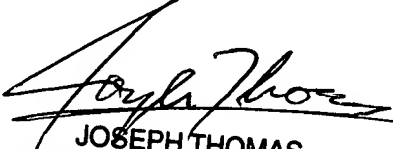
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vanel Frenel whose telephone number is 571-272-6769. The examiner can normally be reached on Monday-Thursday from 6:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Thomas can be reached on 571-272-6776. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3626

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

V.F
V.F


JOSEPH THOMAS
SUPERVISORY PATENT EXAMINER

November 22, 2005